

Replacement Sheet

FIG. 8

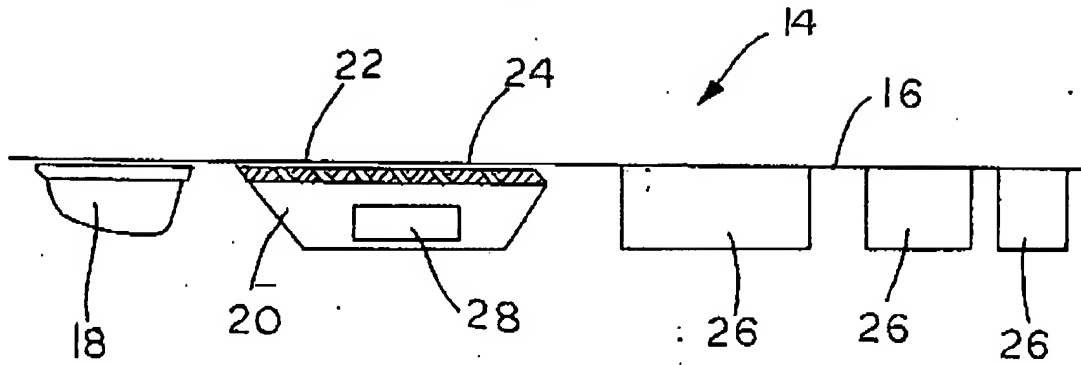
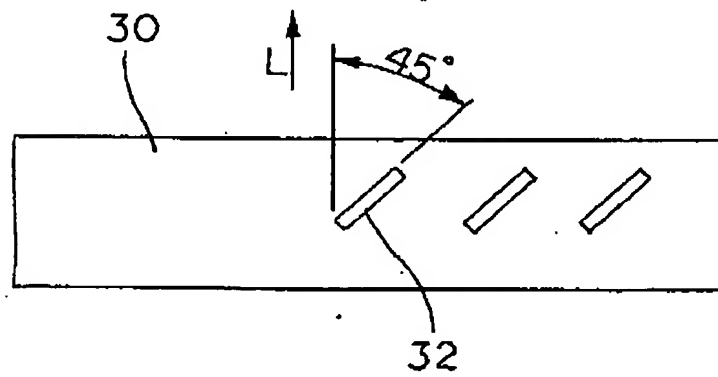


FIG. 9



Replacement Sheet

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE
TENSILE STIFFNESS RELATIONSHIP LONGITUDINAL/TRANSVERSE
WITH AND WITHOUT VACUUM

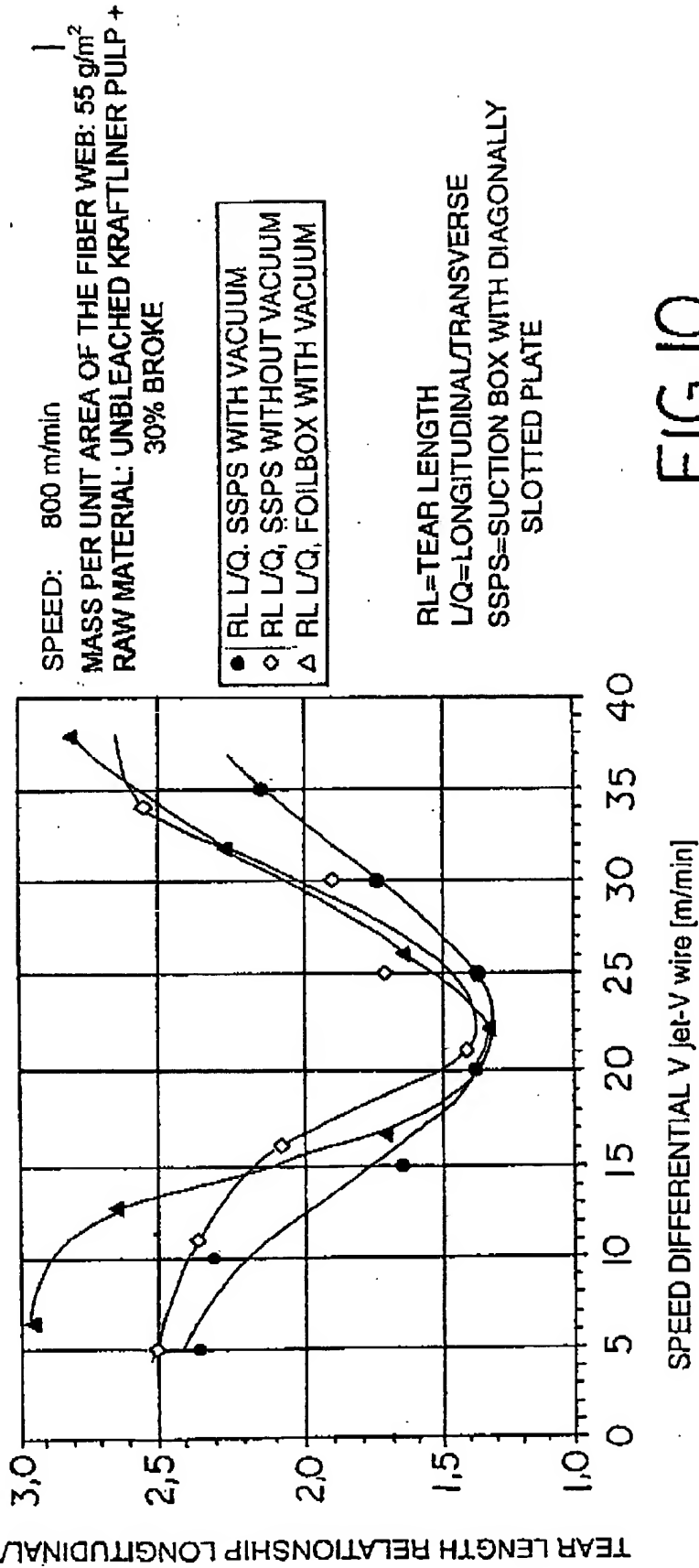
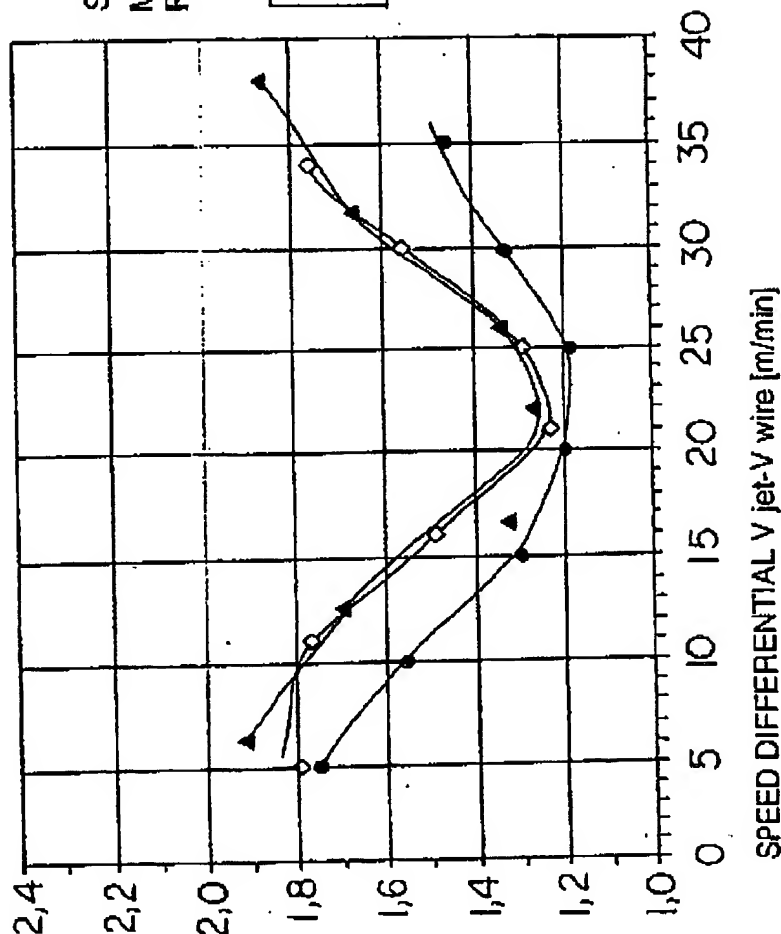


FIG.10

Replacement Sheet

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE
TENSILE STIFFNESS RELATIONSHIP LONGITUDINAL/TRANSVERSE
WITH AND WITHOUT VACUUM



SPEED: 800 m/min

MASS PER UNIT AREA OF THE FIBER WEB: 55 g/m²
RAW MATERIAL: UNBLEACHED KRAFTLINER PULP + 30% BROKE

- TSI L/Q, SSPS WITH VACUUM
- ◊ TSI L/Q, SSPS WITHOUT VACUUM
- ▲ TSI L/Q, FOIL BOX WITH VACUUM

TSI=TENSILE STIFFNESS INDEX
L/Q=LONGITUDINAL/TRANSVERSE
SSPS=SUCTION BOX WITH DIAGONALLY SLOTTED PLATE

FIG.11

Replacement Sheet

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE
TRANSVERSE STRENGTH WITH AND WITHOUT VACUUM ON THE
DIAGONALLY SLOTTED PLATE SUCTION BOX

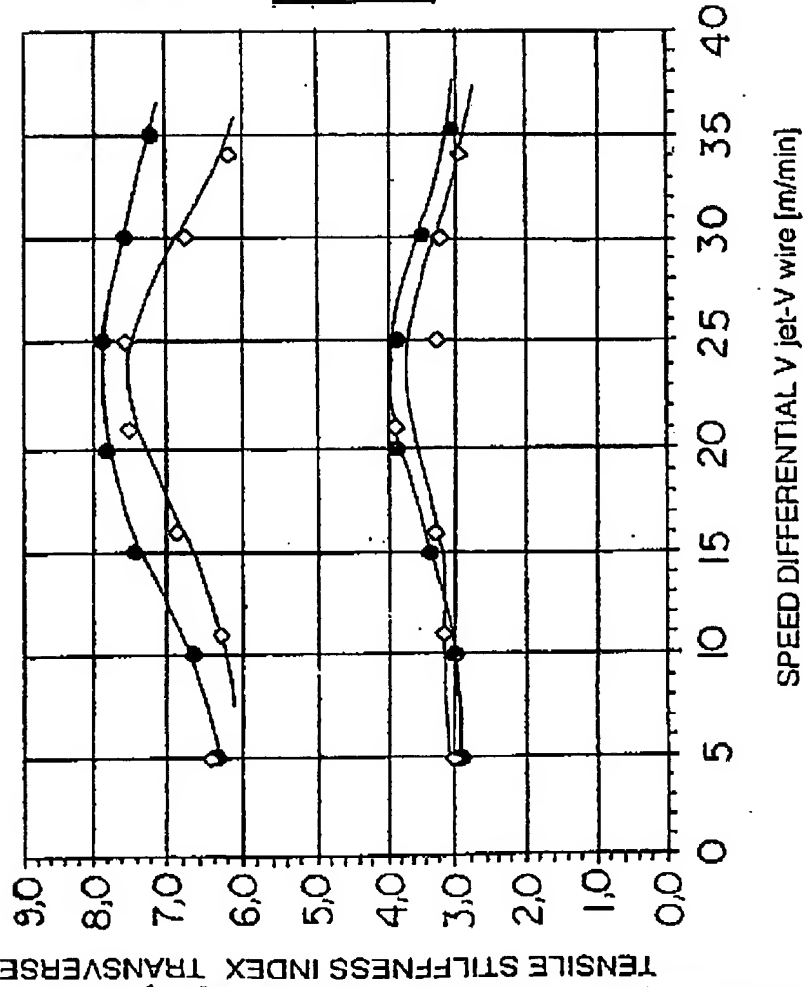


FIG.12

Replacement Sheet

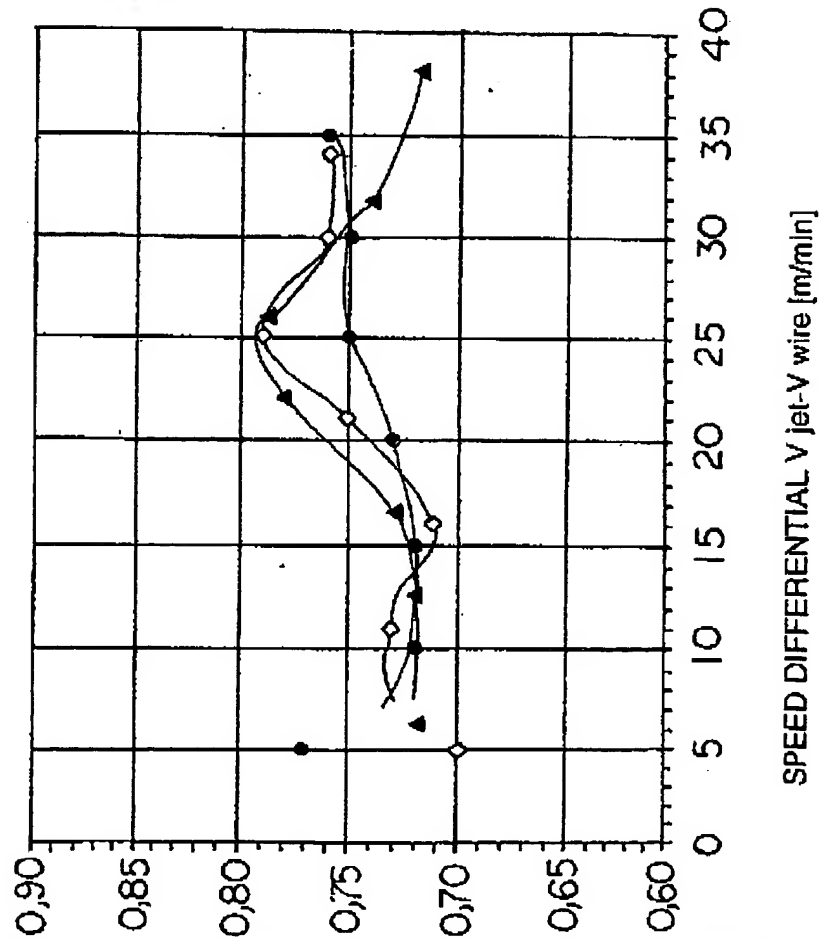
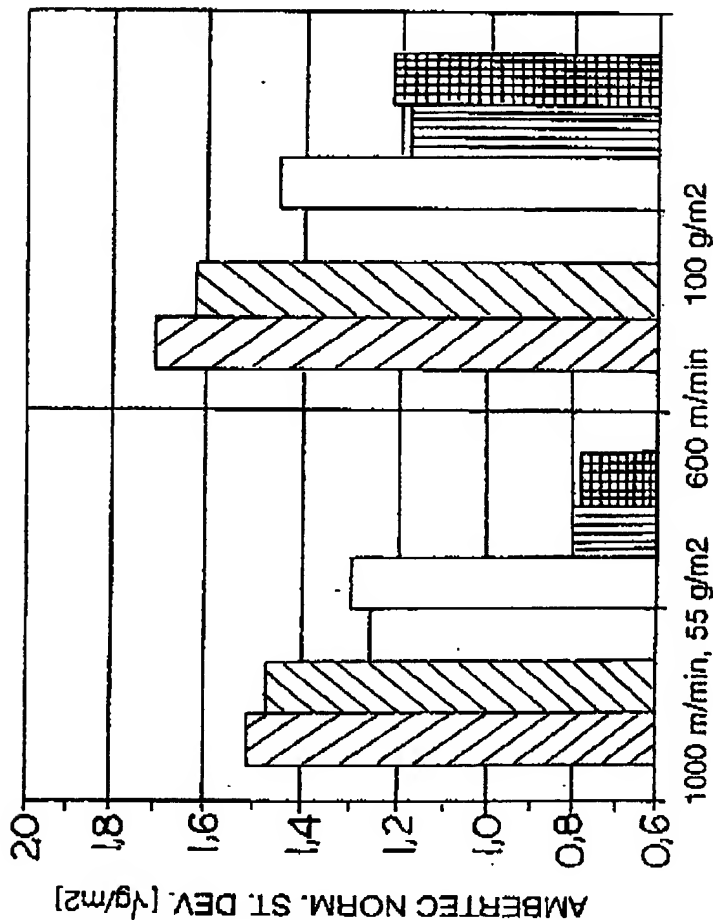
SUCTION BOX WITH DIAGONALLY SLOTTED PLATE
FORMATION WITH AND WITHOUT VACUUM

FIG.13

Replacement Sheet

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE
TENSILE STIFFNESS ORIENTATION WITH AND WITHOUT VACUUM



SPEED: 1000, 600 m/min

MASS PER UNIT AREA OF THE FIBER WEB: 55 g/m²
RAW MATERIAL: UNBLEACHED KRAFTLINER PULP +
30% BROKE

- RL L/Q, SSPS WITH VACUUM
- RL L/Q, SSPS WITHOUT VACUUM
- TSI L/Q, SSPS WITH VACUUM
- TSI L/Q, SSPS WITHOUT VACUUM
- AMBERTEC, SSPS WITH VACUUM
- AMBERTEC, SSPS WITHOUT VACUUM

RL=TEAR LENGTH

L/Q= LONGITUDINAL/TRANSVERSE

TSI=TENSILE STIFFNESS INDEX

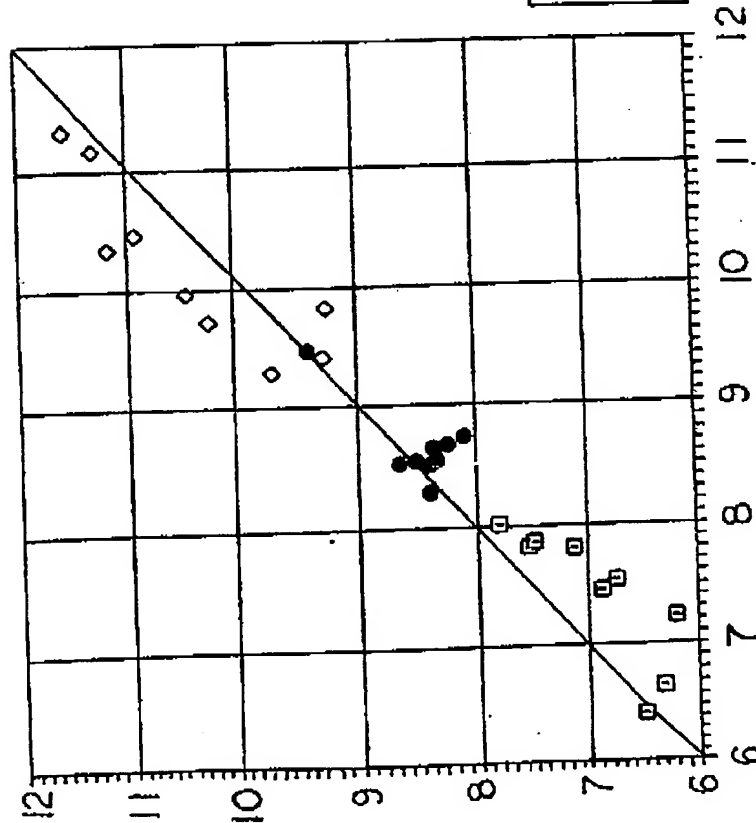
SSPS=SUCTION BOX WITH DIAGONALLY
SLOTTED PLATE

SPEED DIFFERENTIAL V jet-V wire [m/min]

FIG.14

Replacement Sheet

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE
TENSILE STIFFNESS INDEX WITH AND WITHOUT
VACUUM ON SUCTION BOX



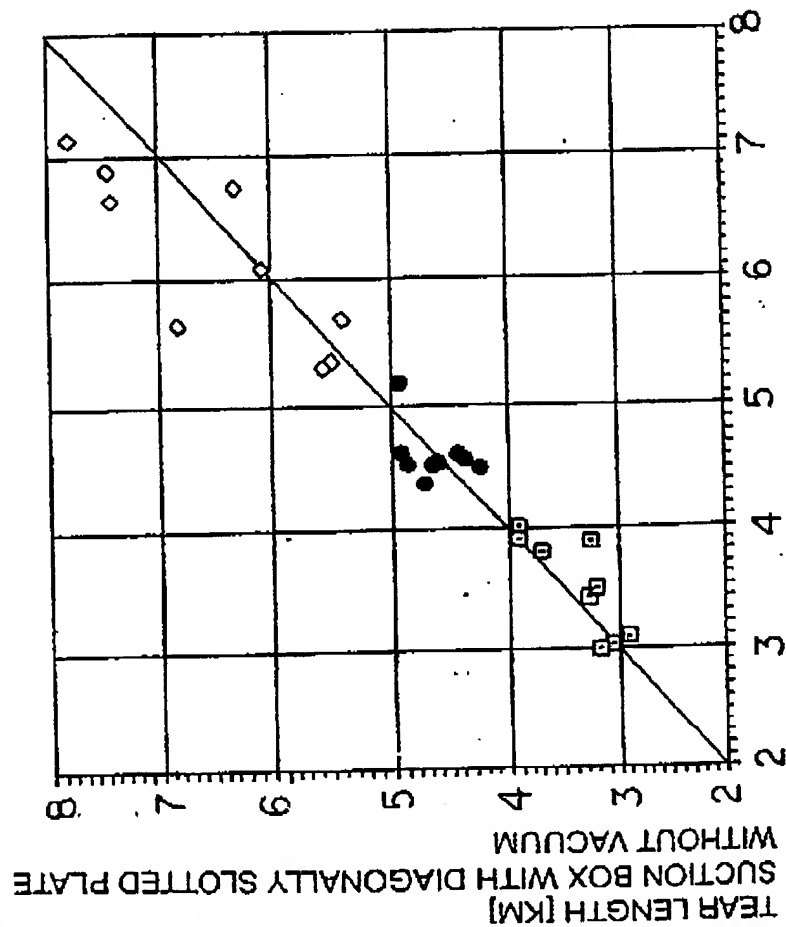
SPEED: 800 m/min
MASS PER UNIT AREA OF THE FIBER WEB: 55 g/m²
RAW MATERIAL: UNBLEACHED KRAFTLINER PULP + 30% BROKE

FIG.15

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE WITH VACUUM

Replacement Sheet

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE
TEAR LENGTH WITH AND WITHOUT VACUUM AT THE SUCTION BOX
WITH DIAGONALLY SLOTTED PLATE



SPEED: 800 m/min
MASS PER UNIT AREA OF THE FIBER WEB: 55 g/m²
RAW MATERIAL: UNBLEACHED KRAFTLINER PULP +
30% BROKE

FIG.16